

Experiment Number: 20406-01
Test Type: 1-YEAR
Route: SKIN APPLICATION
Species/Strain: Mouse/SKH-1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)

Test Compound: Aloe phototoxicity studies
CAS Number: ALOEPHOTOTOX

Date Report Requested: 10/23/2014
Time Report Requested: 13:12:09
First Dose M/F: NA / NA
Lab: NCTR

C Number: C20406
Lock Date: Not Entered.
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Male
PWG Approval Date: NONE

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SKH-1/NCTR Mouse MALE	NOCREAM NO_SSL	VEHICLE NO_SSL	ALOGEL6% NO_SSL	WHLEAF6% NO_SSL	CHARCL6% NO_SSL	AEMOD_HI NO_SSL
Disposition Summary						
Animals Initially In Study	36	35	36	36	36	35
Early Deaths						
Accidentally Killed			1			
Moribund Sacrifice		5	1	4	3	7
Natural Death	1			1	2	
Survivors						
Moribund Sacrifice						
Natural Death				1		
Terminal Sacrifice	35	30	34	30	30	27
Harvest					1	1
Animals Examined Microscopically	36	35	36	35	36	35

ALIMENTARY SYSTEM
 None

CARDIOVASCULAR SYSTEM
 None

ENDOCRINE SYSTEM
 None

GENERAL BODY SYSTEM
 None

GENITAL SYSTEM
 None

HEMATOPOIETIC SYSTEM
 None

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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SKH-1/NCTR Mouse MALE	NOCREAM NO_SSL	VEHICLE NO_SSL	ALOGEL6% NO_SSL	WHLEAF6% NO_SSL	CHARCL6% NO_SSL	AEMOD_HI NO_SSL
INTEGUMENTARY SYSTEM						
Skin, Control	(36)	(35)	(36)	(35)	(36)	(35)
Squamous Cell Carcinoma, One						
Squamous Cell Papilloma, One						
Subcut Tiss, Mast Cell Tumor Malignant						
Skin, Site Of Application	(0)	(2)	(0)	(1)	(0)	(2)
Skin, Site of Application	(36)	(33)	(36)	(34)	(36)	(33)
Basal Cell Carcinoma, One						
Fibrosarcoma						
Lymphoma Malignant						
Sebaceous Gl, Adenoma, One			1 (3%)			
Squamous Cell Carcinoma In Situ, > Five						
Squamous Cell Carcinoma In Situ, Five						
Squamous Cell Carcinoma In Situ, Four						
Squamous Cell Carcinoma In Situ, One						
Squamous Cell Carcinoma In Situ, Three						
Squamous Cell Carcinoma In Situ, Two						
Squamous Cell Carcinoma, > Five						
Squamous Cell Carcinoma, Four						
Squamous Cell Carcinoma, One						
Squamous Cell Carcinoma, Three						
Squamous Cell Carcinoma, Two						
Squamous Cell Papilloma, > Five						
Squamous Cell Papilloma, Five						
Squamous Cell Papilloma, Four						
Squamous Cell Papilloma, One						
Squamous Cell Papilloma, Three						

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Squamous Cell Papilloma, Two						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
None						
SYSTEMIC LESIONS						
Multiple Organ	*(36)	*(35)	*(36)	*(35)	*(36)	*(35)
Lymphoma Malignant						

a - Number of animals examined microscopically at site and number of animals with lesion

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SKH-1/NCTR Mouse MALE	NOCREAM 6.85SSL	NOCREAM 13.7SSL	VEHICLE 13.7SSL	ALOGEL3% 13.7SSL	ALOGEL6% 13.7SSL	WHLEAF3% 13.7SSL
Disposition Summary						
Animals Initially In Study	36	36	35	36	36	36
Early Deaths						
Accidentally Killed	1					
Moribund Sacrifice	5		3	5	1	1
Natural Death	2		1			2
Survivors						
Moribund Sacrifice	1					
Natural Death						
Terminal Sacrifice	22					1
Harvest	5	36	31	31	35	32
Animals Examined Microscopically	36	36	35	36	36	36

ALIMENTARY SYSTEM
None

CARDIOVASCULAR SYSTEM
None

ENDOCRINE SYSTEM
None

GENERAL BODY SYSTEM
None

GENITAL SYSTEM
None

HEMATOPOIETIC SYSTEM
None

INTEGUMENTARY SYSTEM

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First Dose M/F: NA / NA

Lab: NCTR

SKH-1/NCTR Mouse MALE	NOCREAM 6.85SSL	NOCREAM 13.7SSL	VEHICLE 13.7SSL	ALOGEL3% 13.7SSL	ALOGEL6% 13.7SSL	WHLEAF3% 13.7SSL
Skin, Control	(36)	(36)	(35)	(36)	(36)	(36)
Squamous Cell Carcinoma, One						
Squamous Cell Papilloma, One	1 (3%)					
Subcut Tiss, Mast Cell Tumor Malignant						
Skin, Site Of Application	(2)	(0)	(0)	(2)	(0)	(0)
Skin, Site of Application	(34)	(36)	(35)	(34)	(36)	(36)
Basal Cell Carcinoma, One						
Fibrosarcoma		1 (3%)				
Lymphoma Malignant	1 (3%)					
Sebaceous Gl, Adenoma, One	1 (3%)					
Squamous Cell Carcinoma In Situ, > Five	1 (3%)	5 (14%)	5 (14%)	3 (9%)	4 (11%)	5 (14%)
Squamous Cell Carcinoma In Situ, Five		3 (8%)	1 (3%)	4 (12%)	3 (8%)	1 (3%)
Squamous Cell Carcinoma In Situ, Four		2 (6%)	1 (3%)	5 (15%)	4 (11%)	2 (6%)
Squamous Cell Carcinoma In Situ, One	5 (15%)	11 (31%)	8 (23%)	6 (18%)	3 (8%)	10 (28%)
Squamous Cell Carcinoma In Situ, Three		3 (8%)	5 (14%)	3 (9%)	8 (22%)	4 (11%)
Squamous Cell Carcinoma In Situ, Two	1 (3%)	7 (19%)	6 (17%)	7 (21%)	7 (19%)	7 (19%)
Squamous Cell Carcinoma, > Five						
Squamous Cell Carcinoma, Four					1 (3%)	
Squamous Cell Carcinoma, One		13 (36%)	9 (26%)	11 (32%)	15 (42%)	12 (33%)
Squamous Cell Carcinoma, Three		1 (3%)	2 (6%)	2 (6%)		
Squamous Cell Carcinoma, Two		5 (14%)	4 (11%)	5 (15%)	4 (11%)	5 (14%)
Squamous Cell Papilloma, > Five		1 (3%)	1 (3%)	4 (12%)	1 (3%)	3 (8%)
Squamous Cell Papilloma, Five			1 (3%)	2 (6%)		2 (6%)
Squamous Cell Papilloma, Four	1 (3%)	1 (3%)	1 (3%)	1 (3%)	4 (11%)	1 (3%)
Squamous Cell Papilloma, One	2 (6%)	14 (39%)	7 (20%)	7 (21%)	10 (28%)	6 (17%)
Squamous Cell Papilloma, Three		1 (3%)	3 (9%)	1 (3%)	5 (14%)	1 (3%)
Squamous Cell Papilloma, Two	2 (6%)	5 (14%)	3 (9%)	4 (12%)	5 (14%)	7 (19%)

MUSCULOSKELETAL SYSTEM

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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SKH-1/NCTR Mouse MALE	NOCREAM 6.85SSL	NOCREAM 13.7SSL	VEHICLE 13.7SSL	ALOGEL3% 13.7SSL	ALOGEL6% 13.7SSL	WHLEAF3% 13.7SSL
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
None						
SYSTEMIC LESIONS						
Multiple Organ	*(36)	*(36)	*(35)	*(36)	*(36)	*(36)
Lymphoma Malignant	1 (3%)					

a - Number of animals examined microscopically at site and number of animals with lesion

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SKH-1/NCTR Mouse MALE	WHLEAF6% 13.7SSL	CHARCL3% 13.7SSL	CHARCL6% 13.7SSL	AEMOD_LO 13.7SSL	AEMOD_HI 13.7SSL	NOCREAM 20.5SSL
Disposition Summary						
Animals Initially In Study	36	36	36	35	36	36
Early Deaths						
Accidentally Killed						
Moribund Sacrifice	2	2	4	3		3
Natural Death	1	1		2	1	
Survivors						
Moribund Sacrifice						
Natural Death						
Terminal Sacrifice	1				1	
Harvest	32	33	32	30	34	33
Animals Examined Microscopically	36	36	36	35	36	36

ALIMENTARY SYSTEM

None

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

None

HEMATOPOIETIC SYSTEM

None

INTEGUMENTARY SYSTEM

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Lab: NCTR

SKH-1/NCTR Mouse MALE	WHLEAF6% 13.7SSL	CHARCL3% 13.7SSL	CHARCL6% 13.7SSL	AEMOD_LO 13.7SSL	AEMOD_HI 13.7SSL	NOCREAM 20.5SSL
Skin, Control	(36)	(36)	(36)	(34)	(36)	(36)
Squamous Cell Carcinoma, One		1 (3%)				
Squamous Cell Papilloma, One			1 (3%)		1 (3%)	1 (3%)
Subcut Tiss, Mast Cell Tumor Malignant						1 (3%)
Skin, Site Of Application	(1)	(0)	(1)	(0)	(1)	(0)
Skin, Site of Application	(35)	(36)	(35)	(35)	(35)	(36)
Basal Cell Carcinoma, One					1 (3%)	
Fibrosarcoma						
Lymphoma Malignant	1 (3%)		1 (3%)	1 (3%)		
Sebaceous Gl, Adenoma, One						
Squamous Cell Carcinoma In Situ, > Five	6 (17%)	8 (22%)	5 (14%)	1 (3%)	2 (6%)	5 (14%)
Squamous Cell Carcinoma In Situ, Five	4 (11%)	5 (14%)	2 (6%)	2 (6%)	2 (6%)	3 (8%)
Squamous Cell Carcinoma In Situ, Four	7 (20%)	4 (11%)	6 (17%)	5 (14%)	7 (20%)	7 (19%)
Squamous Cell Carcinoma In Situ, One	2 (6%)	5 (14%)	4 (11%)	4 (11%)	5 (14%)	2 (6%)
Squamous Cell Carcinoma In Situ, Three	2 (6%)	4 (11%)	1 (3%)	5 (14%)	6 (17%)	2 (6%)
Squamous Cell Carcinoma In Situ, Two	7 (20%)	3 (8%)	8 (23%)	7 (20%)	8 (23%)	8 (22%)
Squamous Cell Carcinoma, > Five						1 (3%)
Squamous Cell Carcinoma, Four						
Squamous Cell Carcinoma, One	9 (26%)	9 (25%)	18 (51%)	16 (46%)	14 (40%)	10 (28%)
Squamous Cell Carcinoma, Three	1 (3%)	1 (3%)	1 (3%)	1 (3%)		5 (14%)
Squamous Cell Carcinoma, Two	5 (14%)	4 (11%)	1 (3%)	4 (11%)	9 (26%)	10 (28%)
Squamous Cell Papilloma, > Five	5 (14%)	4 (11%)	1 (3%)	2 (6%)	3 (9%)	
Squamous Cell Papilloma, Five	1 (3%)	1 (3%)	1 (3%)	1 (3%)		
Squamous Cell Papilloma, Four	3 (9%)		2 (6%)	2 (6%)	3 (9%)	
Squamous Cell Papilloma, One	6 (17%)	5 (14%)	4 (11%)	13 (37%)	5 (14%)	5 (14%)
Squamous Cell Papilloma, Three	2 (6%)	2 (6%)	5 (14%)	4 (11%)	4 (11%)	2 (6%)
Squamous Cell Papilloma, Two	10 (29%)	7 (19%)	7 (20%)	5 (14%)	4 (11%)	3 (8%)

MUSCULOSKELETAL SYSTEM

a - Number of animals examined microscopically at site and number of animals with lesion

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* Number of animals with any tissue examined microscopically

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SKH-1/NCTR Mouse MALE	WHLEAF6% 13.7SSL	CHARCL3% 13.7SSL	CHARCL6% 13.7SSL	AEMOD_LO 13.7SSL	AEMOD_HI 13.7SSL	NOCREAM 20.5SSL
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
None						
SYSTEMIC LESIONS						
Multiple Organ	*(36)	*(36)	*(36)	*(35)	*(36)	*(36)
Lymphoma Malignant	1 (3%)		1 (3%)	1 (3%)		

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SKH-1/NCTR Mouse MALE	NOCREAM NO_SSL	VEHICLE NO_SSL	ALOGEL6% NO_SSL	WHLEAF6% NO_SSL	CHARCL6% NO_SSL	AEMOD_HI NO_SSL
Tumor Summary for MALE						
Total Animals with Primary Neoplasms (b)				1		
Total Primary Neoplasms				1		
Total Animals with Benign Neoplasms				1		
Total Benign Neoplasms				1		
Total Animals with Malignant Neoplasms						
Total Malignant Neoplasms						
Total Animals with Metastatic Neoplasms						
Total Metastatic Neoplasms						
Total Animals with Malignant Neoplasms Uncertain Primary Site						
Total Animals with Neoplasms Uncertain - Benign or Malignant						
Total Uncertain Neoplasms						

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Tumor Summary for MALE						
Total Animals with Primary Neoplasms (b)	10	36	31	31	36	32
Total Primary Neoplasms	15	73	57	65	74	66
Total Animals with Benign Neoplasms	5	22	16	19	25	20
Total Benign Neoplasms	7	22	16	19	25	20
Total Animals with Malignant Neoplasms	8	36	30	31	34	32
Total Malignant Neoplasms	8	51	41	46	49	46
Total Animals with Metastatic Neoplasms						
Total Metastatic Neoplasms						
Total Animals with Malignant Neoplasms Uncertain Primary Site						
Total Animals with Neoplasms Uncertain - Benign or Malignant						
Total Uncertain Neoplasms						

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SKH-1/NCTR Mouse MALE	WHLEAF6% 13.7SSL	CHARCL3% 13.7SSL	CHARCL6% 13.7SSL	AEMOD_LO 13.7SSL	AEMOD_HI 13.7SSL	NOCREAM 20.5SSL
Tumor Summary for MALE						
Total Animals with Primary Neoplasms (b)	33	33	32	31	33	33
Total Primary Neoplasms	71	63	68	73	74	65
Total Animals with Benign Neoplasms	27	19	20	27	19	11
Total Benign Neoplasms	27	19	21	27	20	11
Total Animals with Malignant Neoplasms	33	31	30	29	32	33
Total Malignant Neoplasms	44	44	47	46	54	54
Total Animals with Metastatic Neoplasms						
Total Metastatic Neoplasms						
Total Animals with Malignant Neoplasms Uncertain Primary Site						
Total Animals with Neoplasms Uncertain - Benign or Malignant						
Total Uncertain Neoplasms						

**** END OF REPORT ****

a - Number of animals examined microscopically at site and number of animals with lesion

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